

# The Calumet BOILERMAKER

"THE VOICE OF THE STUDENTS - - BY THE STUDENTS"

Vol. 9—No. 7

PURDUE UNIVERSITY CALUMET CENTER, HAMMOND, INDIANA

Tuesday, May 29, 1962

## CHRISTIAN PLAYS AT MICHI YUKI

### Noted Scientist Featured at Purdue University Calumet Center

Dr. Alfred B. Garrett, professor and chairman of the Department of Chemistry at Ohio State University, served as a Visiting Scientist in Chemistry at the Purdue University Calumet Campus.

The program of Visiting Scientists in Chemistry is administered by the Division of Chemical Education of the American Chemical Society and is supported by funds from the National Science Foundation. The program has as its objectives: (1) to strengthen and stimulate the chemical programs in colleges; (2) to provide the chemical staff and major students in colleges, especially small ones and junior colleges, with the opportunity to contact productive and creative chemists; and (3) to aid in the motivation of able college and secondary school students for careers in chemistry and the teaching of chemistry.

Several lectures were presented by Dr. Garrett to the Purdue students and to science teachers of the Calumet area. He spoke to the American Chemical Society Chapter of Student Affiliates on Tuesday, April 10, on "How Discoveries Are Made." Tuesday evening his address to the Calumet Science Teachers' Association was "Objective: To Interpret the Universe." A lecture to the student body on Wednesday entitled "Basic Problems of Our Atomic Age" culminated his visit. In addition to these lectures, Dr. Garrett, who has a reputation as a public speaker and one who inspires students to an interest in science, assumed teaching duties in some of the chemistry courses and was available for conferences with students and faculty.

Dr. Garrett has been a member of the faculty at The Ohio State University since 1935. A native of Glenoe, Ohio, he received the bachelor of science degree from Muskingum College in 1928. He was awarded the master of science and the Ph.D. degrees by Ohio State in 1931 and 1932, respectively. In 1960, he received the honorary Doctor of Science degree from Muskingum college.

From 1932-35, Professor Garrett served on the faculty at Kent State University. He then went to Ohio State, where he served as an instructor until 1937. He was an assistant professor until 1940, and served as an associate professor until 1944, when he was promoted to his present rank. He became chairman of the department in 1960 after serving for a year as acting chairman.

Professor Garrett took an active part in extra-curricular activities while an undergraduate at Muskingum. He was captain of the track team, president of the Y.M.C.A., member of the honor court, member of Sigma Kappa Chi, scholastic honorary society; and a fellow in the Muskingum Academy of Science.

He is a member of the American Chemical Society, having served the Columbus section of the organization as treasurer, secretary, vice chairman, chairman and councilor, respectively from 1938-45, and is a past chairman of the Division of Chemical Education of the national organization.

Dr. Garrett also was secretary of Sigma Xi, scientific honor society, in 1939, and is past president of the Ohio State chapter.

Dr. Garrett is the author of over 100 articles in professional journals based on his chemical research investigations and chemical education. He also is the co-author of 10 books and laboratory manuals on college and high school chemistry, qualitative analysis and batteries. In addition, he has written a manual of chemistry, and a manual on radiological defense, published in 1951 by the Office of the Adjutant General of the State of Ohio.

His research work includes studies of organoboron hydrides, low temperature batteries, neutron activation analysis of trace elements, complexes in Grignard and Friedel-Crafts systems, and thermodynamics of oxide systems.

(Continued on Page 2, Col. 2)



DR. ALFRED GARRETT

### Hungry?

The phantom strikes again!! There is a lunch pilferer (stealing is too harsh a word, or is it?) at PUCC that is so accomplished that Jesse James has nothing on him. The situation which started with a mild epidemic of "I must have misplaced my lunch" has suddenly taken a turn for the worse with shouts and groans of "he got it again, the dirty . . ." It is too painful for words. Budding young short story writers are now even entitling their stories "The Purloined Lunch."

There is no doubt that the situation is becoming worse rather than better. Since we have no Sherlock Holmes or Scotland Yard, we will have to take the law into our own hands. What methods can be used to discourage the food hound? Overheard in the lounge by this reporter have been several rather misguided attempts at justice. One sad fellow suggested spreading bread with rat poison, which incidentally looks very much like peanut butter. He decided that as a conscientious objector and pacifist this was too cruel. Another idea put forward by a tall young man around school was to leave a nasty little note to the stealer to look behind him and as he turned around—POW. This is impractical because the note writer must watch his lunch continuously and therefore miss classes—an unheard of phenomenon.

Some have learned from past experience to hide their lunches, but so many have resorted to this that lunch hour is like an Easter egg hunt in the lounge. These have been the suggestions and after long and careful deliberation a decision was made and vowed by the righteous citizens. It is as follows: "Something must be done about this situation."

### Easter's Peace Marchers Did Nikita a Favor

WASHINGTON — As expected, pacifists, humanitarians and Communists joined together to make Easter day the climax of their campaign to pressure President Kennedy into not resuming nuclear tests and into accepting disarmament, even unilateral. In 20 cities, "peace marchers" turned out to advocate what would amount to slow surrender by the United States.

All three groups are, according to their lights, acting in good faith. Pacifists (quotes the National Observer of April 22) really "would prefer slavery under communism to even the risk of nuclear war."

Humanitarians appeal to sweet reason. Since the Russians obviously want no war, these people argue that Khrushchev "must" be willing to relinquish the further expansion of communism rather than risk the "great internal gains" (which they exaggerate) of the last 45 years.

As professors and scientists they sign appeals and manifestos which are music to Communist ears. As writers and publishers they undertake pious pilgrimages to the USSR and return to report that they have found just what they expected: Khrushchev is a "man who wants peace," who hopes "the tension between the West and the Communist worlds can be relaxed" (publisher Gardner Cowles as quoted by the New York Times).

Just as in the thirties, American businessmen used to return from Berlin or Berchtesgaden and announce that "Hitler wants peace; he told me so himself," so our modern pilgrims return to sing the glad tidings—regardless of how Khrushchev and his stooges continue to misbehave in a dozen parts of the world.

And such things are probably true in this case; from Clausewitz: "A conqueror is always a lover of peace . . . he would like to make his entry into our state unopposed."

Other instances happily announce the "end of power politics," quite forgetting that the current taboo on nuclear war puts a premium, not on pacifism but on brinkmanship, and on the threats of "escalation" and "direct confrontation" which so impress President Kennedy.

As for the Communists, they too are in good faith: they want nothing so much as an all-Red world. Anything that promotes this cause is therefore not only legitimate but positively virtuous. Hence where they can, they "infiltrate" other pacifist movements and, expelled from one such (as they were from the Greater New York Committee for a Sane Nuclear Policy), join another and continue their great work of destroying the country and the civilization into which they were born.

Therefore, though with different motives, pacifists, humanitarians and Communists work together to realize a disarmed United States.

How far have they got? Well, the test may come (it has) before these lines appear, certainly with the visit of Prime Minister Harold Macmillan to Washington. If Kennedy again postpones nuclear tests, the disarmament front will have scored a great victory. If he tests, the American people can again breathe freely, at least for a time.

War is an ancient human institution. Many a people has been conquered through no fault of its own. The Jews yielded to the Romans, the Saxons to the Normans, the American South to the North, not for lack of courage but for lack of strength.

### Purdue Offers Reading for High School Students

Developmental Reading for High School Students will be offered at Purdue University Calumet Campus during the 1962 Summer Session.

Designed to train students to do a better and faster job of reading, the course closely parallels the regular college developmental course in its methods and techniques, except that the reading materials have been selected to be of especial interest and value to students at the high school level of preparation. The complete series of Purdue High School Reading Films will be presented, and use will be made of the Science Research Associates college preparatory reading laboratory materials.

By attending two 2-hour reading sessions a week for eight weeks, from June 19 to August 9, these students can reasonably expect to double their basic reading rates without any loss of comprehension. High school students will usually come into the course reading at about 225 words per minute on the average, according to Dr. J. S. Tuckey of the Purdue Developmental Reading program. By the end of the course the average is close to 500 words per minute on comparable reading materials. While the training stresses rate development as a primary objective, comprehension is also stressed, and results show that students usually improve comprehension while increasing their rate capabilities.

Two classes of Developmental Reading for High School Students are being scheduled: Division 1, at 1-3 p.m. Tuesdays and Thursdays; Division 2, at 6-8 p.m. Tuesdays and Thursdays. The course is open to those who have completed the eighth grade but have not yet graduated from high school. A letter from the student's high school principal or superintendent, authorizing the enrollment, is requested.

Registration will be on June 14 and 15, from 1-4:30 and 6:30-8:30 p.m. at Purdue's Calumet Campus.

### National Science Foundation Biology Series

Dr. C. H. Elliott, Director of Purdue University Calumet Campus, has announced that the National Science Foundation has again awarded Purdue a grant to conduct an in-service program in Biology for high school teachers. This program has been developed by the National Science Foundation with the specific aim of assisting high school teachers in their efforts to keep abreast of the rapid changes that are occurring in the sciences. It enables them to participate in

Defeat is sad. Sadder however would be the fate of peoples who, possessing superior strength and civilization, deliberately opened their gates to an invader from within. This, it seems to me, is what the various peace fronts are trying to accomplish each in its separate way.

This is what the free world must prevent—or perish. For, to quote the National Observer again, "surrender guarantees nothing but slavery whereas strength and firmness and courage—behaving like men—give free men a reasonable chance to escape both communism and war."

### Bobby Christian and His Orchestra

"The Band With the Sound"

Bobby Christian, who will appear at the Hammond National Guard Armory on Saturday, June 2, 1962, is a composer, arranger and conductor of music—a man who creates music with a touch of magic and a touch of genius. During his career in the classical and pop fields, he has been with the major networks—in Chicago as composer and arranger with NBC and ABC—in New York, as composer-conductor with ABC. Through the years he has been associated with such men as Paul Whiteman, Percy Faith and Burgess Meredith. He joined the NBC "Symphony of the Air" in 1955 led by the late Arturo Toscanini, with whom he toured the Orient that same year. He has since organized his own fine dance band, playing



BOBBY CHRISTIAN

hotels, colleges and ballrooms in the Midwest. The Christian band has become a familiar and popular highlight on the Midwestern campuses these days. Bobby Christian's most powerful inspiration for composing and recording music stems from his deep love for mankind and compassionate understanding of all people. Mr. Christian's journey to the Orient so inspired him, his imagination kindled by more than Japan's beauty and strangely alluring musical sounds, that Mt. Fujiyama Suite (started in 1955, completed in 1956) was inevitable.

Bobby Christian is young in the world of recording artists, but already his star glistens on the horizon.

Bobby has surrounded himself with capable young musicians who have a great admiration and respect for him. They work hard and harmoniously and are proud of their great band.


Bobby has genius talents as a composer and conductor, which is further enhanced by his unusual flair for showmanship. These facets of his personality, coupled with his sincere desire to please the public, have made this Christian band a very popular attraction in hotels, ballrooms and colleges throughout the country.

graduate credit courses taught by experts in their particular area.

The National Science Foundation believes that by this means the teachers will be better able to improve their teaching and to discover and encourage more potential scientists among their students. This is a part of the continuing effort to improve the caliber of science teaching in our schools. Professor C. J. Goodnight of the Lafayette campus has been named director of the program.



The Calumet  
BOILERMAKER



Published by the Students of Purdue University — Calumet Campus  
2233 - 171st Street, Hammond, Indiana — Ph. Tilden 4-0520

Vol. 9

TUESDAY, MAY 29, 1962

No. 7

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## From the EDITOR'S DESK

### The Rational vs the Reasonable

Recently science announced the perfection of a "clean" H-bomb—not perfectly "clean" but "95 or 96 percent clean." This exacting quantitative measurement of the "cleanliness" of an instrument designed for the specific purpose of mass homicide sounds so scientific and rational that many people fail to realize the impending threat that even this "clean" H-bomb, which man has perfected, presents to his very existence. Naturally the conclusion that there must be "clean" H-bombs is advanced through a rational argument beginning with the premise that there must be H-bombs—otherwise war in this day and age would be impossible, and war is a necessity today—it must be possible! This example shows that despite the rational ordering of life in this age of modern science and technology, Man has not become the least degree more reasonable in the human sense of the word. Is it possible that this perfect rationality could eventually lead to a psychosis? Can a nation whose leaders suffer from this "rational psychosis" be characterized by dangerously unreasonable foreign and domestic policy.

Of course this line of thought is only a projection of the imagination, but the potential attitude does exist in the world today and could develop to become the grim reality of tomorrow. If this projection were to become a reality it would not be at all difficult to imagine a rational militarist pressing the "doomsday" button which would launch an unnecessary, all-out nuclear war. The result could be the total annihilation of Mankind or the degeneration of the very few survivors to the most primitive condition of life.

Naturally we all realize that nuclear weapons have become a necessity in today's world even for a defensive war, but along with these implements of mass destruction it is necessary to exercise a great deal of "reason," in the human sense of the word, in order to avoid making costly or irreparable mistakes through their improper use. If we lose our human reason and values, or replace them with hard, cold, scientific rationality, we will be prone to make a fatal mistake which will, in all probability, result in atomic extermination.

KM

## QUESTIONS

1. When will the noise stop?
2. Is there any exit from this building?
3. But who is Eob Miller?
4. Are there any bowling experts in the crowd?
5. Will the water in the swimming pool in front of the building be chlorinated?
6. When did Salvador Dali redesign the lounge?
7. Which professor will trip over his robe at the Honors Day program this year?
8. When will Virginia Ade find out who J. Brevity is?

## Noted Scientist . . .

(Continued from Page 1, Col. 1)  
He has been a member of the Committee on Chemical Education of the American Chemical Society and was chairman of the advisory committee of the American Chemical Society on the preparation of films of high school chemistry and of the Ad Hoc Committee to plan the restudy of the high school chemistry curriculum. He is a member of the Cooperative Committee of the American Association for the Advancement of Science of the teaching of science and mathematics and was chairman of the subcommittee that has made general recommendations for the training of science teachers.

He has served as a lecturer for the National Science Foundation Visiting Scientists program since 1956, and is on the membership committee of the Division of Chemical Education.

Michi Yuki

JUNE 2

## Summer Workshops At Purdue Calumet

Purdue University Calumet Campus will offer three workshops this summer designed to serve the high school and elementary teachers of the Calumet area. All three are regularly listed in the Purdue catalog as "dual level" courses. They may be taken for either graduate or undergraduate credit.

Speech 551, Dramatic Production in School and Community, will begin the series on Monday, June 25. It will meet daily, Monday through Friday for three weeks. This workshop will concern itself with play production from the point of view of the directing classroom teacher. All processes of play production including play selection, casting, rehearsal schedules, translating dialogue into movement, motivation, characterization, climax, suspense and the finishing procedures of final rehearsal will be considered.

Also considered will be the approaches to scene design, sets, floor plans, costumes, make-up, publicity and general business management as these matters pertain to the overall production. The workshop will be directed by Professor Erling E. Kildahl, Associate Professor of Speech at Purdue University and Associate Director of Purdue Playshop. Professor Kildahl plans to place particular emphasis on the specific problems that the teachers enrolled might have as a result of unique or limited staging facilities.

The second summer workshop offered, beginning Monday, July 30, will be a two-week intensive workshop in the Teacher's Role in Guidance. It is listed in the Purdue catalog as Education 518A, Educational Problems of Teachers: The Teacher's Part in Guidance. It will be conducted by Dr. Martin L. Stamm who is at present the Director of Guidance and Pupil Personnel for the School City of South Bend, Indiana. Dr. Stamm has conducted similar workshops for Purdue at Michigan City and has served as guidance consultant for numerous universities including Indiana, Ohio State and Notre Dame. The two-week course will consider such items as the teacher's concern with physical development of the child, the kinds of psychological problems that the teacher should attempt to deal with and general guidance needs. Other points of emphasis will consider the social services available to teachers, an exploration of the value and use of various testing tools, the testing program and approaches to both group and individual guidance.

The format of the workshop will include interest group seminars with ample opportunity for the participating teachers to explore guidance problems peculiar to their own school-community environment. The plan of the course will also allow for discussion of discipline and general classroom relationships.

The final workshop of the series is listed as Education 518B, Educational Problems of Teachers: Methods of Teaching Science in the Elementary School. It begins on Monday, August 13, and is scheduled for three weeks. The general subject matter is designed to deal with the teacher's problems in conducting elementary study in the biological and physical sciences. More specifically, the students in the course will be concerned with the construction, collection and use of materials and equipment in relation to the several levels of elementary education. The activity will include group discussion, individual project work, demonstration, the use of outside resources and practical field trips.

Dr. Doris A. Young who will conduct the workshop is known to many teachers in the Calumet area through her book, *Children's Literature in the Elementary School*. She is at present engaged in a study tour through most of the countries of Europe, including Russia, where she is investigating the methods and techniques of elementary science education. She will return shortly before coming to the Calumet Campus to conduct the workshop.

In addition to the three workshops there are also a number of regularly scheduled courses in the summer session of interest to the teachers of the Calumet area. These courses, numbered from the 200 level to and including the 500 level, include areas in Biology, Economics, History and Government, Mathematics, Physics and Psychology. Information concerning credit, fees, time schedules or other matters can be obtained by

## Student Council News

The newest undertaking of the Student Congress has turned out to be another success. The Books for Asian Students programs promoted primarily by a dance on March 17, 1962 obtained many books and money to purchase more for these students.

There are approximately 100-125 college level textbooks obtained from this dance, from the university faculty, and any from the lost and found which have been there for many years. These will be sent to Los Angeles, California where they will be processed and sent overseas for the needy Asian students.

These books will actually be used by the Asian students and also re-copied and printed by them to be used in their schooling. We appreciate the help of the students in this endeavor.

The Student Court constitution has been passed by the Student Affairs committee after revision and this has been passed by the Student Congress. This Student Court will be set up as soon as is possible as elections are necessary for this.

## Student Council Review

The Student Congress of Purdue University Calumet Campus is the governing body of the students as well as the most important link in the chain between the students and the faculty and administration. This being the general purpose of this organization, its formal purposes are four, and are listed in the Preamble to the Student Court Constitution as follows:

"To serve as the Student Body agency in the presentation of student opinion in matters affecting student life and affairs; to serve as an appellate agency for problems referred to the Student Body government by students or student organizations; to promote in the interests of the University Community a program of service, social activity, and educated projects; and to provide education in the tradition of our Republic."

The Student Congress consists of the student body president; the president's cabinet composed of the vice-president, the treasurer, the recording secretary, and the corresponding secretary; the Senate composed of four senators from each class in the university, presently freshman and sophomore; and the House of Representatives, composed of the official heads of each university student organization or a person officially designated by an organization to officially conduct business in the organization's behalf.

All of these members represent the student body of the school. Any member or group of members of the Student Body can be represented by any Student Congress officer, senator, or representative at any Student Congress meeting or can bring any matter before the Congress by means of personally attending and voicing opinion or by petition. All matters are voted on by the Congress and taken to proper authorities if deemed necessary.

Besides representing the Student Body the Congress also promotes their interests with educational and social activities. During the course of the year, many programs such as dances, assemblies, etc., are presented for the benefit of the students sponsored by the Student Congress. All students are invited and urged to attend meetings and participate in the activities of the Congress.

calling or writing the Office of the Registrar, Purdue University Calumet Campus, Hammond, Indiana.

Registration for the summer session at Purdue will be June 14 and 15 for all classes including the Workshop in Dramatic Production. Registration for the Guidance workshop and the Elementary Science Workshop will be daily 8:00 a.m. to 5:00 p.m. in the Registrar's Office, up to the day before the workshop begins.

Credit for all courses can be applied to degree candidacy if the student has been regularly admitted to Purdue. Courses numbered 500 or above may apply to a graduate degree for any student admitted to the graduate school who has filed a plan of study.



Theatre Workshop

Professor Erling E. Kildahl, Associate Director of Purdue Playshop on the Lafayette Campus of Purdue University, and an Associate Professor of Speech, will conduct a three weeks' summer workshop at the Calumet Campus entitled Dramatic Production in School and Community. The workshop, which is being coordinated by Professor Boyd Mangus, chairman of the Calumet Campus Speech Department, is designed to meet the needs of the public school teacher of English or Speech who finds himself in the position of play director in his school, and who feels the need for more training in this field.

Professor Kildahl is thoroughly qualified to meet this need. His background covers every phase of dramatic production in both professional and educational theatre. After graduating cum laude from the Pasadena Playhouse in 1946, he served as Associate Director and Dean of Men at that school until he came to Purdue in 1948. At Pasadena and Purdue he has been consistently active in directing and producing as well as acting. He has also served as Publicity Director for Purdue Playshop since 1952.

The individual problems resulting from unique or inadequate staging facilities that many teachers encounter in producing and directing plays in their schools will be given special consideration by Professor Kildahl. He has had experience in this aspect of public school theatre during similar workshops conducted on the Lafayette campus of Purdue in past summers.

The prepared format of the workshop will consider the total process of play production, including play selection, planning rehearsal schedules, casting, analyzing the play, translating dialogue into movement, characterization and all other problems encountered by the director up to and including the finishing rehearsal procedures.

In addition to the aspects of directing that have to do with the play and its people, Professor Kildahl will also provide a working knowledge of scene design, sets, floor plans, costumes, properties, make-up and the use of assistants in the total production procedure.

Still another aspect of high school play production considered will be in the areas of business management and publicity. Background material will be provided including one-act and three-act play lists, stage glossaries, and rehearsal techniques as well as lists of play publishers, make-up houses, costume houses and other supply sources.

Professor Kildahl plans to use a selected number of local high school students who have an interest in dramatics as actors in the directing laboratories.

The workshop can be taken for either graduate or undergraduate credit by any one regularly admitted to the University or the Graduate School. It is listed in the Purdue catalog as Speech 551, Dramatic Production in School and Community. Registration will take place on June 14 and 15 from 1:00 to 4:30 p.m. and 6:30 to 8:30 p.m. in the Registrar's Office, Purdue Calumet Campus, 2233 171st Street, Hammond. Any further information concerning credit, fees, time schedules or other matters can be obtained by writing or calling the Registrar.

The Gables In Review 1961-62

The Leningrad Ballet

One of the first aspects of Gables events was the attendance of 19 students and five faculty members at the Leningrad Ballet which performed at the Arie Crown Theatre of McCormick Place in Chicago. The experience was a thrilling one to many, especially because it was their first time to see a ballet. The Gables part in this program was to give a twenty-five cent discount from the admission fee of the Purdue students. Miss Stark ordered the tickets for all who attended.

Opera Through the Movies

Several Gables members attended some of the movies at the Parthenon Theater in Hammond and also at the Theater in Gary to see several of the operas. This time also was an introduction to many of the students in the area of opera. From reports, ballet and opera have found new devotees through The Gables activity.

Lectures on Russia

By request, Miss Stark again showed her color slides taken by her on a trip to Moscow and Leningrad in 1959. The noon hour was spent in seeing the slides and in looking over other illustrative material that she had collected in Russia and since then. Her explanation of events and places made the slides meaningful.

Gables Members Attend English Department Lecture

Members of The Gables assisted in serving coffee at the English Department Lecture at which time Sigrid Stark presented a lecture in which she explained the reasons for her choice of colored slides of famous paintings. Miss Stark has collected her slides from several art galleries.

These galleries include The Louvre; a Munich Gallery; The Dahlem Museum in West Berlin; Wallace Collection, London; Gallerie dell' Accademia, Venice; Metropolitan Museum of Art, New York; Museum of Fine Arts, Boston; Gardner Museum, Boston; Art Institute of Chicago.

The springboard for Miss Stark's special interest in paintings was the teaching of *Of Human Bondage* many years ago.

One weekly program was devoted to an introduction to the French Impressionists and El Greco.

Another noon hour was spent in listening to folk songs as recorded by several well-known folk singers.

Second Annual University Students Art Show

The main project of The Gables was their second annual art show for Area university students (part-time and full-time).

With assistance from several business establishments, more and bigger prizes were available. Those who very willingly donated to our Art Show were The Mercantile Bank, Edward C. Minas Company, Southworth's Bookstore, Miles Paint and Wallpaper Company, and The First National Bank of East Chicago. The members of The Gables and the recipients of the awards are specially happy with this pleasant and much-needed financial assistance.

The winners and their awards are as follows:

PAINTING—Realistic

First Place—\$15, Merlin Bergen, St. Joseph's College, for "Harbor." Second Place—\$10, Mrs. Natalie

Question of the Month

by Bill Killecullen

What would you do to improve PUCC?

Jim Joros: "Change room 111 to a store room or put air-conditioning in it."

Ed McFee: "Blow it up." (improve???)

Dave Liberman: "Plant trees in the parking lot so that I can have a little privacy." (what does Dave need privacy for???)

Bill Jones: "Change the parking lot into a lot for parking."

Bill Haas: "Take out the Pepsi machines; that's why there's so much slop in the lounge."

Melvin Horwitz: "Put trees in the parking lot so Dave Liberman can have some privacy."

Larry Hupe: "Clean up the beer cans in the parking lot."

Doug Courtney: "Keep up the building improvements and finish it fast for more parking area." (make Larry Hupe clean up the beer cans—they're his!)

Rich Cialdella: "Offer a more selective group of professors who won't care about attendance during the months of April and May."

Clyde Clod: "Take the trash out of the lounge (study tables etc.) and put in more essential equipment (a bar, beer machines, slot machines—etc.)."

Rottet, Indiana (E. C.), "Sweet Memories."

Third place—\$5, Frank Harmon, Indiana (E. C.), "Calumet Harbor."

PAINTING—Unrealistic

1st place—\$15, Merlin Bergen, "Most Likely This Cat Is Waiting for a Bus."

2d place—\$10, Mark Mangus, Purdue, "Last Strike."

3d place—\$5, Merlin Bergen, "She Is Gone in a Blue Bus Painted in Secrets."

DRAWING

1st place—\$15, Mark Mangus, "A Study."

2d place—\$10, Mark Mangus, "Window Study."

3d place—\$5, Nikki Kutanski, Purdue, "Mme. Giocometti."

Honorable Mention: Bessie Durbin, Indiana University; John Erickson, Purdue; and Dorothy Elman, Student Nurse, Purdue.

Dr. Carl Elliott gave a brief talk regarding the role of a university and of the Purdue Calumet Campus in the advancing of the arts; he expressed the hope of a continuing of the efforts of The Gables in presenting the university art shows.

With the talented direction of Dr. David Simpson, the Purdue Calumet Men's Glee Club provided three appropriate songs which were specially pleasing to the public.

A very enthusiastic crowd viewed the paintings. The visitors were invited to vote for their favorite entry. The winner of this voting was Merlin Bergen for his first place entry "Harbor"; he received five dollars for this honor. Natalie Rottet placed second and third for her "Fiddling Around" and "Sweet Memories." The judges were Mrs. Charlotte Brauer, Mrs. Odette Komorowski, and Mr. Reginald Gilbertson.

Decorations of gay spring flowers and the serving of punch added to the festiveness of the occasion.

All the student artists are to be congratulated for their participating in this show.

The Gables wishes to thank the many who assisted them in the preparations.

Students Attend Theater

Several students of Miss Stark's English 231 class attended the Goodman Theatre production of *Hedda Gabler*. Signe Hasso, well-known actress had the leading role.

Tickets were procured through The Gables.

Those who attended were as follows: Misses Sheila Carlson, Carol Kotter, Karen Hamersley, Theresa Miller, Gayle Froman, and Miss Stark; the young men who attended were Messers. John Cutie, Barry Eldridge, Richard Fleming, Nikki Kutansky, Barry Quigg, Thomas Sacha, and James Szczudlak.



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## The American Chemical Society

The P.U.C.C. chapter of the A.C.S. is devoted to activating an interest in students entering the chemical and chemical engineering fields. The American Chemical Society is the world's largest organization devoted to a single science, with over 360 schools having student chapters. The P.U.C.C. student chapter of the A.C.S. has a distinct honor by being the first chapter to be chartered for a college having less than a four-year curriculum. Membership in the club stimulates students and supplements their interests by giving them a practical insight through contact with accomplished men in their chosen fields. Also the members have the opportunity to associate with other students entering the same field. Students affiliating with the society are entitled to such fringe benefits as a post-graduate placement service and receiving a weekly professional magazine. They can also attend regular national meetings of the A.C.S.

Dr. Shineman, our faculty advisor, has led the program committee in arranging for such notable speakers as Dr. Alfred B. Garrett, Chairman of the Dept. of Chemistry for Ohio State University. Dr. Garrett delivered a series of lectures to both the student body and to the regular chemistry classes.

Films shown by the A.C.S. include: Zone Melting, Industrial Applications of Radioisotopes, Laboratory Instrumentation, Crystals, Trapping of Free Radicals at Low Temperatures, and A Story of Research. Two plant trips, one to Stauffer Chemical Company and the other to Argonne National Laboratories, provided students with a practical outlook on the field of chemistry.

The first semester's speakers included D. W. Young, from Sinclair Research Labs, on "New Derivatives from Petroleum," and Professor N. Relich (P.U.C.C.), on "The Applications of Statistics to Chemical Problems." Notable speakers sponsored in the second semester were: Wyatt F. DeLoach, Manager of Du Pont's Public Relations in the Midwest, who spoke on "Research to Reality"; R. L. Bieser of Central Scientific Co., who spoke on "New Concepts of Science Teaching," and Dr. Henry C. Reitz, Dept. of Chemistry for Purdue (Lafayette), who spoke on "Serendipity in Research."

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Course	No.	Div.	Cr.	Time, Day and Hrs.	Fee
<b>BIOLOGICAL SCIENCES (BIO)</b>					
Introduction to Zoology	109	1	4	MTWTh 7-8 and MTWTh 8-10 p.m.	\$76
Introduction to Microbiology	221	1	4	TTh 6-8 p.m. MW 6-10 p.m.	76
<b>CIVIL ENGINEERING (CE)</b>					
Drafting Fundamentals	110	1	3	MW 9-11 a.m. F 8-10 a.m. MWF 1-3 p.m. M 3-4 p.m. F 11-12 a.m.	69
Slide Rules and Graphs	113	1	1	MW 11-12 a.m. M 4-5 p.m. W 3-4 p.m.	23
Engineering Graphics	118	1	3	MW 9-11 a.m. MWF 1-3 p.m. F 8-10 a.m. W 8-9 a.m. F 10-11 a.m.	69
<b>CHEMISTRY (CHM)</b>					
Elementary Chemistry	100	1	3	MWF 8-10 a.m.	45
	100	2	3	MWTh 6-8 p.m.	45
General Chemistry	112	1	3	TF 6-8 p.m. TF 8-11 p.m.	57
General Chemistry	115	1	4	MW 8-10 a.m. MW 10 a.m.-1 p.m. F 10-12 a.m.	72
General Chemistry	115	2	4	MWTh 6-8 p.m. MW 8-11 p.m.	72
General Chemistry	116	1	4	TThF 8-10 a.m. TTh 10 a.m.-1 p.m.	72
General Chemistry	116	2	4	TF 6-8 p.m. TF 8-11 p.m. Th 8-10 p.m.	72
<b>ECONOMICS (ECON)</b>					
Principles of Economics	210	1	3	MWTh 1-3 p.m.	45
Principles of Economics	210	2	3	MWTh 8-10 p.m.	45
<b>ELECTRICAL ENGINEERING (EE)</b>					
Circuits II	204	1	4	MTWTh 6-8 p.m. T 8-11 p.m. F 6-9 p.m.	72
<b>ENGINEERING SCIENCES (ES)</b>					
Basic Mechanics II	206	1	3	MWTh 6-8 p.m.	45
<b>ENGLISH (ENGL)</b>					
English Composition	101	1	3	MWTh 1-3 p.m.	45
	101	2	3	MWTh 6-8 p.m.	45
	101	3	3	MWTh 8-10 p.m.	45
Developmental Reading	185	1	1	MW 1-3 p.m.	30
	185	2	1	MW 6-8 p.m.	30
Developmental Reading	185	3	1	MW 8-10 p.m.	30
Dev. Reading for H.S. Students		1		TTh 1-3 p.m.	30
		2		TTh 6-8 p.m.	30
		3		TTh 10-12 a.m.	30
English Composition II	202	1	3	MWTh 8-10 a.m.	45
	202	2	3	MWTh 6-8 p.m.	45
Introduction to Literature	230	1	3	MWTh 10-12 a.m.	45
Introduction to Literature	231	1	3	MWTh 8-10 p.m.	45
<b>GENERAL STUDIES (GN)</b>					
Psychology	120	1	2	TF 6-8 p.m.	30
Fund. of Practical Speaking	204	1	2	MTh 8-10 p.m.	30
Tech. Report Writing	220	1	2	MWTh 6-8 p.m.	45
Economics of Industry	260	1	2	MTh 6-8 p.m.	30
<b>MODERN LANGUAGES (GER)</b>					
Second Course in German	102	1	3	MTWTh 6-8 p.m.	53
Third Course in German	203	1	3	MWTh 8-10 p.m.	45
<b>GOVERNMENT (GVMT)</b>					
Introduction to Government	101	1	3	MWTh 8-10 a.m.	45
International Relations	331	1	3	MWTh 6-8 p.m.	45
<b>HISTORY (HIST)</b>					
The U.S. and Its Place in World Affairs	205	1	3	MWTh 10-12 a.m.	45
Europe in the 16th, 17th and 18th Centuries	405	1	3	MWTh 8-10 p.m.	45
<b>INDUSTRIAL TECHNOLOGY (IT)</b>					
Human Relations in Industry	152	1	2	TF 8-10 p.m.	30
<b>MATH (MA)</b>					
High School Algebra	1	1	0	MTWThF 8-10 p.m.	75
Plane Geometry	2	1	0	MTWThF 6-8 p.m.	75
Algebra	111	1	3	MWTh 6-8 p.m.	45
Trigonometry	112	1	3	MWTh 8-10 p.m.	45
General College Math. II	122	1	3	MWTh 6-8 p.m.	45
Elem. Math. for Engr. and Phys. Science I	151	1	5	MTWThF 8-10 p.m.	75
Math for Engr. and Ph. Sci. I	161	1	5	MTWThF 6-8 p.m.	75
Math for Engr. and Ph. Sci. II	162	1	5	MTWThF 8-10 p.m.	75
Math for Engr. and Ph. Sci. III	261	1	4	MTWTh 8-10 p.m.	60
Math for Engr. and Ph. Sci. IV	262	1	4	MTWTh 6-8 p.m.	60
Diff. Equations and Applica.	421	1	3	MWTh 6-8 p.m.	45
Diff. Equations for Engrs. and Phys. Sci.	422	1	3	MWTh 8-10 p.m.	45
<b>MECHANICAL ENGINEERING (ME)</b>					
Thermodynamics I	200	1	3	MWTh 8-10 p.m.	45
<b>PHYSICS (PHYS)</b>					
Physics: Mechanics	152	1	4	MTWThF 6-8 p.m. T 8-10 p.m.	68
Physics: Heat, Sound, Elect.	251	1	5	MTWThF 6-8 p.m. TF 8-10 p.m.	83
Modern Physics	343	1	4	MTWThF 8-10 p.m. F 6-8 p.m.	68
Fund. Concepts of Physics	503	1	3	MWTh 8-10 p.m.	54
<b>PSYCHOLOGY (PSY)</b>					
Elementary Psychology	120	1	3	MWTh 10-12 a.m.	45
Elementary Psychology	120	2	3	MWTh 8-10 p.m.	45
Abnormal Psychology	350	1	3	MWTh 8-10 p.m.	45
Prob. in Child Psychology	533	1	3	MWTh 8-10 p.m.	54
Mental Hygiene in Education	537	1	3	MWTh 6-8 p.m.	54
<b>SOCIOLOGY (SOC)</b>					
Introductory Sociology	100	1	3	MWTh 1-3 p.m.	45
<b>SPEECH (SPE)</b>					
Principles of Speech	114	1	3	MWTh 6-8 p.m.	45
<b>STATISTICS (STAT)</b>					
Elementary Statistics	351	1	3	MWTh 8-10 p.m.	45



*The Boilermaker wishes . . .*

**A  
Happy  
Summer  
Holiday**

*To All*

**STUDENTS  
FACULTY**

*and*

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